



GIMAR 2018
Conference Proceeding
Book of Papers

4th Global Issues In Mutidisciplinary Academic Resaerch

Editor:

Dr Ahmad Saddam Ph.D., Country Director (Global Illuminators Iraq)

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A.Saddam

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Conference Chair Message

Farooq Ahmed Jam (PhD)

4th International Conference on “Global Issues In Multidisciplinary Academic Research” (GIMAR-2018) serves as platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the regional and global challenges faced by our societies. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe, these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences. The scholars attending this conference will certainly find it helpful in refining their own research ideas, finding solutions to basic/applied problems they face and interact with other renowned scholars for possible future collaborations.

I am really thankful to our honourable scientific and review committee for spending much of their time in reviewing the papers for this event, selecting the best paper awards and helping the participants in publishing their research in affiliated journals. Also special thanks to all the session chairs from industry, academia and policy-making institutions who volunteered their time and support to make this event a success.

A very special thanks to the great scholars for being here with us as key note speakers. Their valuable thoughts will surely open the horizon of new research and practice for the conference participants coming from across the globe. I am also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Let's break all the discriminating barriers and get free from all minor affiliations. Let's contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.

Type of GIMAR Papers

For this year, GIMAR has two types of papers: *Empirical Studies* and *Insight*. Research papers meet the needs of researcher and reviewed on the basis of highest academic standards. The objective of the academic paper is to contribute in the scientific body of knowledge. Contrary, Inside papers meet the needs of policy makers and professionals and reviewed on the basis of high practical standards. The objective of the Insight is to identify the real world problems and how can solve with the help of information systems.

Reviewing Criteria

In GIMAR all papers are used to judge on the criteria (relevance, significance, originality, validity and clarity). However some criteria differ between the Research papers and Insight papers.

Relevancy: Relevancy has a great impact on the theme of the conference. The material is relevant and according to the theme of the conference.

Significance: Knowledge in different researches in the conference is related to research papers and insight papers.

Originality: Ideas that are new for the researchers are used in the conference.

Validity: Research papers in the conference are based on theory while the insight papers in the research are based on experimental researches. References are according to content.

Clarity: Papers are according to the format, language is easy and understandable by the audience in the conference.

Acceptance Rates

Full Research Papers				
Submitted Papers	Accepted Papers	Withdrawn	Unqualified papers	Acceptance Rate
46	23	8	15	50.0%

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Acknowledgment

A huge numbers of people helped in conducting the conferences. First of all thanks to all the members of the Conference and Program Committee and representatives of the GIMAR board and their helpers. We also want to thank all the Track Chairs, Track Co-Chairs and reviewers, as well as all the member of the Scientific Committee for their help in the review process and organizing the tracks and special sessions. We thank everyone for their hard work and dedication to this conference and we look forward to the latest episode of the GIMAR tradition.

Farooq Ahmed Jam (PhD), Tariq Iqbal Khan (PhD) and Muhammad Abbas (Ph.D.)

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GIMAR 2018 Keynote Speakers

Prof. Dr. Abdelmajid Bouazza

Abdelmajid Bouazza is a Professor in the Department of Information Studies, Sultan Qaboos University. He received his Ph.D. in Information Science from the University of Pittsburgh, USA, and a Master's in Information Science from the University of Montreal, Canada. Prof. Bouazza published 61 papers in international and regional refereed journals and prepared, translated, and contributed to a number of specialized books in Information Science with articles published in the Encyclopedia of Library and Information Science, Marcel Dekker Foundation in New York, and Encyclopedie Internationale de Bibliologie, Paris. He has presented 68 papers at national, regional, and international conferences. His memberships include being President of the Arab Federation for Libraries and Information, a member of the executive bureau of the International Association of Bibliologie during the period 1988-1990, and head of the Department of Information Studies during the period 2006-2010. He has received Harold Lancour Award for outstanding contribution to the International Studies in Information Science in 1987, the Distinguished Researcher Award from the Sultan Qaboos University in 2006, Distinguished Teacher Award from the Sultan Qaboos University in 2010, Best Paper Awards, and 2 Best Presentation Awards, Global Illuminators International

2nd Conference, Bangkok, 2015, the Best Paper Award from the organizers of 4th International Conference on "Global Trends in Academic Research" (GTAR-April 20-21, 2017) at Venice, Italy. He also received Best Paper Award from SLA President, Abu Dhabi, UAE (2015). His research interests include Knowledge Management, Internet and Smartphones addiction, Open access, Education of information professionals, and the job market needs.

GIMAR 2018Track's Chairs

Business, Management and Economics Studies

Anura Amarasena & Yiti Tung

Social Sciences & Humanities

Phaithun Intakhan & Mohd Rizal Razalli

Health and Medicine Studies

Megumi Taoka & Farooq Ahmad Jam

Engineering & Technology Studies

Abdul Hariss & J.Dalle

Sudiarso & Lieu-Hen Chen

GIMAR 2018 Workshop

“How to Improve the Quality of a Research Article and Get it Published in Scopus/Isi Indexed Journals”

Trainer: Dr. Farooq Ahmed Jam (Ph.D.)

In this workshop, we will discuss how to improve the quality of a research article and getting it published in good quality journals. Publication is considered as a KPI achievement for academic staff. It is considered to be the best way to enjoy benefits and promotion as a faculty member. In this workshop, trainer will shed light on how to identify a hot research topic, how to find a research gap, importance of a catchy Research Paper Title, what reviewers are looking for in a research article, what editors are expecting from authors, major reasons for article rejection by good journals, steps and tips to improve article quality and content, and finding a relevant outlet for your research. Hope this workshop will help the participants improve their understanding about the publication process.

GIMAR 2018 Best Paper Nominees

Spatial Competition in the Health Care Industry

Dakshina G. De Silva^{1*}, Hojin Jungy², Georgia Kosmopoulou³

¹ Lancaster University, UK

² Henan University, Kaifeng, Henan, China

³ University of Oklahoma, Norman, USA

New Light on Regional Development in China: The Role of Overlappings

Shu hen Chiang

Chung-Yuan Christian University, Taiwan

Research on the Evaluation Indexes of Walking Friendly Environment in Healthy Communities from the Perspective of Mass Transit Oriented Development -Taking Taipei MRT as an Example

Yi-Kai Hsieh¹, Chia-Nung Li²

^{1,2} Chinese Culture University, Taipei, Taiwan

Study of Performance Evaluation Inhibitor Corrosion Based on Green Corrosion Inhibitor of Extract Leaf Tobacco and Commercial Imidazoline Inhibitor in Sweet Environment at Carbon Steel AISI 1045 in NaCl 3.5% Solution

Chusururi, Mochamad, Alvan Mifta.^{1*}, Ravelia, Dendra², Ahmadi, Fikri, Nafi'ul³, Saputro, Brahmanu⁴

^{1,2,3,4} Institute of Technology Sepuluh Nopember, Indonesia

Dynamic TDD Configuration for Type-1 In band RN in the LTE-A Network

Chun-Chuan Yang¹, Jeng-Yueng Chen², Yi-Ting Mai³, Yi-Ming Tsai⁴

^{1,2,3,4} National Chi Nan University, Taiwan

GIMAR 2018 Best Paper Award Winners

Spatial Competition in the Health Care Industry

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² Henan University, Kaifeng, Henan, China

³ University of Oklahoma, Norman, USA

List of GIMAR 2018 Academic Papers

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ID: ASBMSR-18-102

Investigation of Financial Strength of Agro & Foods Industry in Thai Listed Companies

Phaithun Intakhan^{1}, Narissare Thepsiri², Aemwika Yasueb³, Chutikan Thongchai⁴,
Oanchaliphon Saisut⁵*

ID: ASBMSR-18-103

Bankruptcy Risk in Service Industry of Thai Listed Companies

Nattida Moolta¹, Pimchanok Wongtana^{2}, Saowanee Wimuktayon³, Jeeraporn
Pongpanpattana⁴, Natthanan Thityyapromote⁵*

ID: ASBMSR-18-104

The Effect of Z-Score on Firms' value: Evidence from Agro & Food Industry in Thai Listed Firms

Thanchanok Ruankaew^{1}, Jaraschay Siri², Philasinee Oeiwan³, Jaturaphat
Wongsirisathaporn⁴, Sukasem Langkhunsaen⁵*

ID: ASBMSR-18-105

The Relation between Financial Ratios and Stock Prices: Evidence from Technology Industry in Thailand Stock Market

Korrawee Jitprasarn^{1}, Rujirada Toopthong², Kamolvich Wongsai³, Kanpitcha Peasai⁴,
Kanchana Khuma⁵, Pornchanok Tonglad⁶*

ID: ASBMSR-18-133

The Quality Financial Statements of Small and Medium Enterprises Business (Smes) in View of the Tax Auditor

Saratchanut Boonvut

ID: ASBMSR-18-136

Common Committee Membership on the Relationship between CEO Incentive Compensation and Risk-Taking: a Study of the Banking Industry

Chia-Chi Lua^{1}, Pai-Ta Shihb², Ju-Fang Yenc³*

ID: GIMAR-18-206

Making a Difference by Corporate Social Responsibility: The Case of Oman Medical Specialty Board

*Sheikha Saleh Al Belushi**

ID: GIMAR-18-207

Employee Engagement & Its Impact on their Performance: The Case of Oman Medical Specialty Board (OMSB)

Badriya Al habsi

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Global Competitiveness of Exporting Firms: Impact of the Internet on the Exporter-Importer Relationship

Anura Amarasena

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How I Got Woke: Channeling Global Competence Through Culturally Relevant Teacher Leadership

Garris Landon Stroud

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New Light on Regional Development in China: The Role of Overlappings

*Shu hen Chiang**

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Using Seven Types of GM (1, 1) Model to Predict the Number of Casualties for Drunk-driving Traffic Accidents in Taiwan

*Yi-Ti Tung**

ID: ASBMSR-18-127

Research on the Evaluation Indexes of Walking Friendly Environment in Healthy Communities from the Perspective of Mass Transit Oriented Development -Taking Taipei MRT as an Example

Yi-Kai Hsieh¹, Chia-Nung Li²

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How I Got Woke: Channeling Global Competence Through Culturally Relevant Teacher Leadership

Garris Landon Stroud

ID: ASBMSR-18-132

Retrieving Mobile Application Features by Utilizing User Reviews: Cross-Country Comparisons Based on Topic Modeling

Youngeun Kang¹, Yongtae Park², Changho Son³

ID: GIMAR-18-180

Improving Independent Music Brand Marketing in Taiwan through Service Design

Chen, Yen-Chi¹, Yu, Hsin-Chun²

ID: GIMAR-18-191

Need Assessment Implementation of Story Books in Basic School

Nyihana Erma Niatu¹, Astuti Pratiwi Puji²

3. Engineering & Technology Studies

ID: ASBMSR-18-135

Analytical Approximations for American Options: The Binary Power Option Approach

Pai Ta Shih¹, Mi-Hsiu Chiang², Hsin-Hao Fu³, Chien-Ling Lo⁴

ID: GIMAR-18-171

Study of Performance Evaluation Inhibitor Corrosion Based on Green Corrosion Inhibitor of Extract Leaf Tobacco and Commercial Imidazoline Inhibitor in Sweet Environment at Carbon Steel AISI 1045 in NaCl 3.5% Solution

Chusururi, Mochamad, Alvan Mifta¹, Ravelia, Dendra², Ahmadi, Fikri³, Nafi'ul, Saputro, Brahmanu, Wisnu⁴

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The Altmetrics for Measuring Readers' Intentions Towards Scholarly Contents in the Field of Information Security

Halima Saleh Ali Al Balushi¹, Nawal Ali Abdullah Al Bulushi², Rabab Juma Mohammed Al-Riyami³

ID: GIMAR-18-184

A Somatosensory Edutainment System based on Plant Growth Simulation of L-system

Lieu-Hen Chen¹, Ting-Hui Lee², Cheng-Yu Sun³

ID: GIMAR-18-188

Dynamic TDD Configuration for Type-1 Inband RN in the LTE-A Network

Chun-Chuan Yang¹, Jeng-Yueng Chen², Yi-Ting Mai³, Yi-Ming Tsai⁴

ID: GIMAR-18-192

A Neural Network Prediction for Effects of Land Use Patterns on Total Nitrogen In Taiwan's River Basins

Tzu-Yi Pai^{1}, Ray-Shyan Wu², Ching-Ho Chen³, Ya-Hsuan Wang⁴, Yun-Hsin Cheng⁵, Meng-Hung Tsai⁶, Ya-Chun Zhao⁷, Wun-Long Luo⁷, Gin-Tai Wang⁸, Hsiu-Ling Chen⁹, Chia-I Shen¹⁰, Pin-Tsen Lin¹¹, Pei-Yu Chiang¹², Hsing-Jung Lee¹³, Nai-Jun Zeng¹⁴, Yu-Wen Huang¹⁵, Chien-Min Lee¹⁶*

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